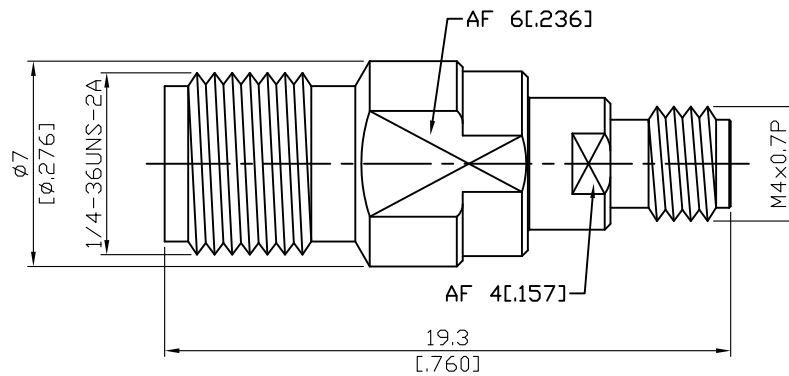


ADS-A8-1.0/8-27-1.15	SMA Jack to 1.0mm Jack 27GHz VSWR 1.15	50Ω
----------------------	---	-----



Parts	Material	Plating (Micro-inch)
Body	Stainless Steel	Passivated
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	PEI & PTFE	

--	--

This part number complies with RoHS.

Notice: JYEBAO reserves the right to make modifications deemed appropriate.

ADS-A8-1.0/8-27-1.15	SMA Jack to 1.0mm Jack 27GHz VSWR 1.15																
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Interface</div> Standard Mechanically compatible with	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: center;">1.00</th> <th style="width: 50%; text-align: center;">SMA</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">IEEE287; IEC61169-31</td> <td style="text-align: center;">MIL-STD-348B</td> </tr> <tr> <td></td> <td style="text-align: center;">3.5 & 2.92</td> </tr> </tbody> </table>	1.00	SMA	IEEE287; IEC61169-31	MIL-STD-348B		3.5 & 2.92										
1.00	SMA																
IEEE287; IEC61169-31	MIL-STD-348B																
	3.5 & 2.92																
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Electrical Data</div> Impedance Frequency Range VSWR Insertion Loss Insulation Resistance Dielectric Withstanding Voltage (at sea level) Working Voltage (at sea level)	<table style="width: 100%;"> <tbody> <tr> <td style="width: 50%;">Impedance</td> <td style="width: 50%; text-align: center;">27Ω</td> </tr> <tr> <td>Frequency Range</td> <td style="text-align: center;">DC To 27GHz</td> </tr> <tr> <td>VSWR</td> <td style="text-align: center;">≤ 1.15 (DC To 40GHz)</td> </tr> <tr> <td>Insertion Loss</td> <td style="text-align: center;">≤ 0.05 x √f(GHz) dB</td> </tr> <tr> <td>Insulation Resistance</td> <td style="text-align: center;">≥ 5000MΩ</td> </tr> <tr> <td>Dielectric Withstanding Voltage (at sea level)</td> <td style="text-align: center;">500 V rms</td> </tr> <tr> <td>Working Voltage (at sea level)</td> <td style="text-align: center;">150 V rms</td> </tr> </tbody> </table>		Impedance	27Ω	Frequency Range	DC To 27GHz	VSWR	≤ 1.15 (DC To 40GHz)	Insertion Loss	≤ 0.05 x √f(GHz) dB	Insulation Resistance	≥ 5000MΩ	Dielectric Withstanding Voltage (at sea level)	500 V rms	Working Voltage (at sea level)	150 V rms	
Impedance	27Ω																
Frequency Range	DC To 27GHz																
VSWR	≤ 1.15 (DC To 40GHz)																
Insertion Loss	≤ 0.05 x √f(GHz) dB																
Insulation Resistance	≥ 5000MΩ																
Dielectric Withstanding Voltage (at sea level)	500 V rms																
Working Voltage (at sea level)	150 V rms																
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Mechanical Data</div> Recommended Coupling Nut Torque Coupling Proof Torque Contact Captivation-axial Durability (mating)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;"></th> <th style="width: 25%; text-align: center;">1.00</th> <th style="width: 25%; text-align: center;">SMA</th> </tr> </thead> <tbody> <tr> <td>Recommended Coupling Nut Torque</td> <td style="text-align: center;">2.65 to 3.63 in-lbs</td> <td style="text-align: center;">7 to 9.5 in-lbs</td> </tr> <tr> <td>Coupling Proof Torque</td> <td style="text-align: center;">6.2 in-lbs</td> <td style="text-align: center;">15 in-lbs</td> </tr> <tr> <td>Contact Captivation-axial</td> <td style="text-align: center;">≥ 2.25 lbs</td> <td style="text-align: center;">≥ 6.1 lbs</td> </tr> <tr> <td>Durability (mating)</td> <td style="text-align: center;">≥ 500</td> <td style="text-align: center;">≥ 500</td> </tr> </tbody> </table>			1.00	SMA	Recommended Coupling Nut Torque	2.65 to 3.63 in-lbs	7 to 9.5 in-lbs	Coupling Proof Torque	6.2 in-lbs	15 in-lbs	Contact Captivation-axial	≥ 2.25 lbs	≥ 6.1 lbs	Durability (mating)	≥ 500	≥ 500
	1.00	SMA															
Recommended Coupling Nut Torque	2.65 to 3.63 in-lbs	7 to 9.5 in-lbs															
Coupling Proof Torque	6.2 in-lbs	15 in-lbs															
Contact Captivation-axial	≥ 2.25 lbs	≥ 6.1 lbs															
Durability (mating)	≥ 500	≥ 500															
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Environmental Data</div> Temperature Range Thermal Shock Moisture Resistance Corrosion RoHS	<table style="width: 100%;"> <tbody> <tr> <td style="width: 50%;">Temperature Range</td> <td style="width: 50%; text-align: center;">-40°C to +165°C</td> </tr> <tr> <td>Thermal Shock</td> <td style="text-align: center;">MIL-STD-202, Method 107, Condition B</td> </tr> <tr> <td>Moisture Resistance</td> <td style="text-align: center;">MIL-STD-202, Method 206</td> </tr> <tr> <td>Corrosion</td> <td style="text-align: center;">MIL-STD-202, Method 101, Condition B</td> </tr> <tr> <td>RoHS</td> <td style="text-align: center;">Compliant</td> </tr> </tbody> </table>		Temperature Range	-40°C to +165°C	Thermal Shock	MIL-STD-202, Method 107, Condition B	Moisture Resistance	MIL-STD-202, Method 206	Corrosion	MIL-STD-202, Method 101, Condition B	RoHS	Compliant					
Temperature Range	-40°C to +165°C																
Thermal Shock	MIL-STD-202, Method 107, Condition B																
Moisture Resistance	MIL-STD-202, Method 206																
Corrosion	MIL-STD-202, Method 101, Condition B																
RoHS	Compliant																

Notice: JYEBAO reserves the right to make modifications deemed appropriate.